SHARP

5282ME

COLOR TELEVISION
Models
20F-S40
25F-S40

This operating manual includes basic operating instructions in Spanish.

SPANISH is on page 7.

OPERATION MANUAL

Welcome to the SHARP Family. We are pleased that you are now the owner of a SHARP Color Television – built for outstanding quality, reliability and performance.
Every SHARP Color Television set is tuned and adjusted for proper color and sound, and has passed through the most stringent quality control tests at the factory. We have prepared this OPERATION MANUAL so that you may adjust the picture and color to your personal viewing preference.
We sincerely hope that you receive the greatest satisfaction and enjoyment from your new SHARP Color Television set for years to come.
Please read these instructions carefully, and keep them handy for your future reference.

IMPORTANT
To aid reporting in case of loss or theft, please record the TV's model and serial numbers in the space provided. The numbers are located at the rear of the TV.

Model No.:

Serial No.:

Important Information

There are two important reasons for prompt warranty registration of your new SHARP television set, using the REGISTRATION CARD packed in with the set.

FIRST – WARRANTY
This is to assure that you will immediately receive the full consumer benefit of the parts, service and labor warranty applicable to your purchase.

SECOND – CONSUMER PRODUCT SAFETY ACT
To assure that you will promptly receive any safety notification on inspection, modification or recall that SHARP may be required to give under the 1972 Consumer Product Safety Act. PLEASE READ CAREFULLY THE IMPORTANT "LIMITED WARRANTY" CLAUSE ON THE LAST PAGE.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO WET LOCATIONS.

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead within a triangle is intended to tell the user that parts inside the product are a risk of electric shock to persons.

The exclamation point within a triangle is intended to tell the user that important operating and servicing instructions are in the papers with the appliance.

For help go to www.WikiRemotes.com | Provided by www.ReplacementRemotes.com

Outstanding Features

- **BILINGUAL MENU ON SCREEN DISPLAY**
  For your convenience, you can easily select the MENU ON SCREEN DISPLAY in either ENGLISH or SPANISH.

- **CLOSED CAPTION DECODER**
  Allows you to view conversations, narration and other sounds from TV programs or pre-recorded video tape as subscript on your TV screen.

- **Built In Stereo or Multichannel TV Sound (MTS) Circuit**
  This circuit allows reception of stereo sound. With the model 25F-S40, you can also receive bilingual TV sound.

- **181 Channel Tuning**
  This tuner eliminates the need for external channel selection and provides direct tuning of 68 regular VHF/UHF channels plus an additional 113 unscrambled cable channels. (A convertor may be necessary to view scrambled CATV channels.)

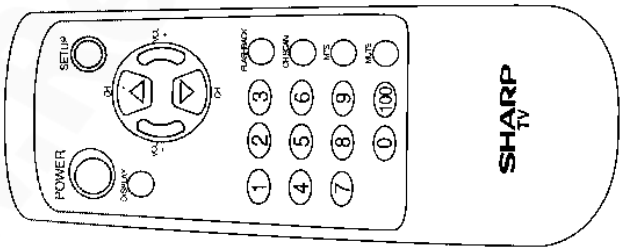
- **AUTO SEARCH CHANNEL MEMORY**
  Automatically presets active channels into memory.

- **Sleep Timer**
  For convenient viewing, the Sleep Timer automatically shuts off the set in preselected periods of up to 120 minutes. This Timer can be set at 30, 60, 90 or 120 minute intervals.

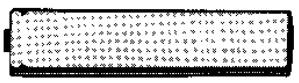
- **CHANNEL SCAN Function**
  When you press the CH SCAN button, each of the preset channels are quickly scanned.

- **Channel FLASHBACK**
  This function makes it possible to instantly switch between two selected channels at the touch of a button.

Supplied Accessories



Infrared Remote Control



Size AAA
Dry Batteries
(2 pcs.)

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Before Operating Your Television

Location

- For normal operation, your TV should be located in an area of the room where cool adequate ventilation is provided. Do not place the back of the television set in a place where free airflow will be restricted.
- Any magnetic force may disturb the color picture. Make sure that magnets, electric clocks, toys using magnets or any other magnetic substance, such as iron are kept well away from this TV set.

Power

Your TV operates on 120 Volts, 60 Hertz (normal household current) and has a polarized plug. If you are unable to insert the plug fully into the outlet, try reversing the plug. Should it fail to fit, contact an electrician. Do not defeat the safety feature of the polarized plug.

Note:

- If the set will not be used for a long period, such as during a vacation, unplug the set from the wall outlet to economize power. (If the TV set is plugged in, a slight current still flows, even with the POWER BUTTON in the OFF position.)

"Note to CATV system installer:
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the National Electrical Code that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical."

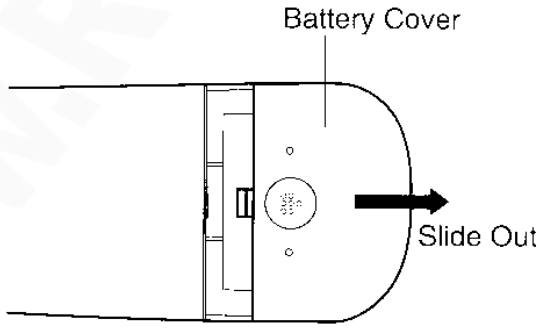
- Lines and other noise may appear in TV broadcast images when an FM tuner or radio is located near the TV and both radio and TV broadcasts are being received. Should such noise appear, turn off either the TV or the radio.
- If you are listening to an AM broadcast, turn the TV off. AM broadcast signals may not be received due to the interference of the TV.

Remote Control Battery Installation

■ **Before using the television, prepare the Remote Control**

To use the remote control, insert batteries first.

Insert the batteries



- Remove the back cover as shown and insert the two batteries (size "AAA") making sure their polarities are as indicated by the (+) and (–) marks inside the battery compartment.

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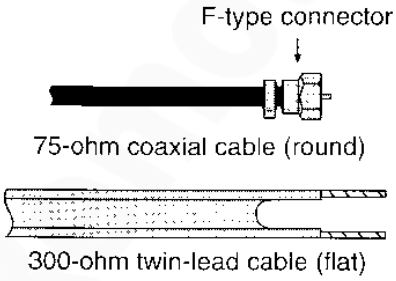
Antenna Connections

Antennas

- The antenna requirements for good color television reception are more important than those for black & white television reception. For this reason, a good quality outdoor antenna is strongly recommended.

The following is a brief explanation of the type of connections that are provided with the various antenna systems:

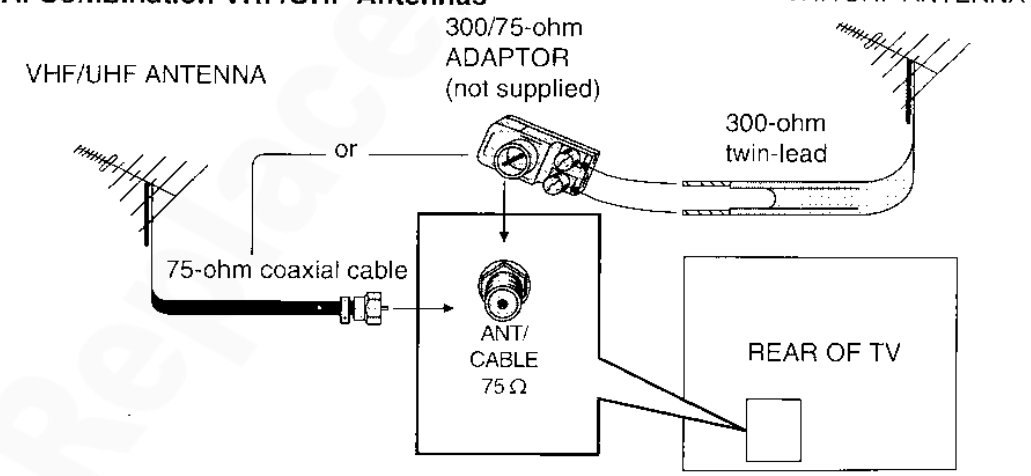
1. A 75 ohm system is generally a round cable with F-type connector that can easily be attached to a terminal without tools.
2. A 300 ohm system is a flat "twin-lead" cable that can be attached to a 75 ohm terminal through a 300-75 ohm ADAPTOR (not supplied).



OUTDOOR ANTENNA CONNECTION

- Use one of the following two diagrams if you connect an outdoor antenna.
  A: Using a VHF/UHF combination outdoor antenna.
  B: Using separate VHF and/or UHF outdoor antenna.
- Connect an outdoor antenna cable lead-in to the COAXIAL CABLE CONNECTOR on the rear of the TV set.

A. Combination VHF/UHF Antennas



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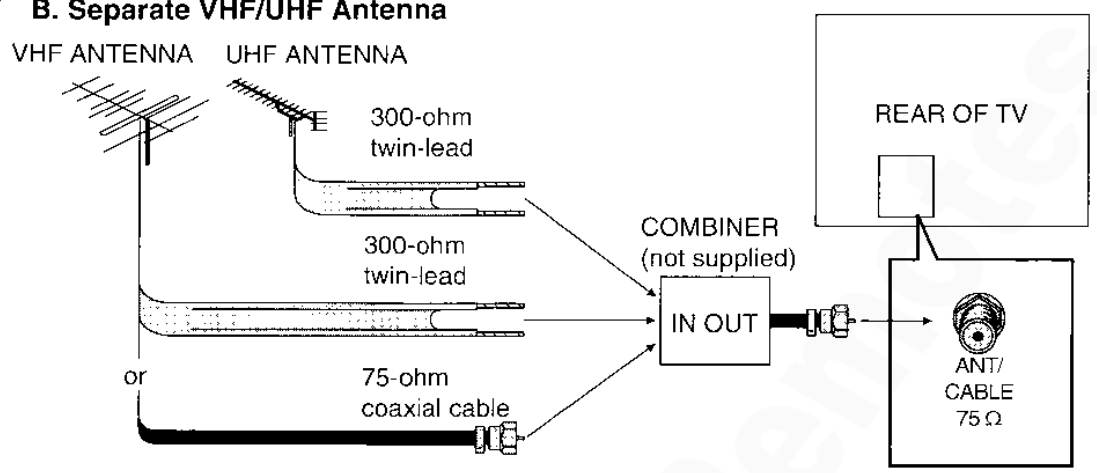
B. Separate VHF/UHF Antenna

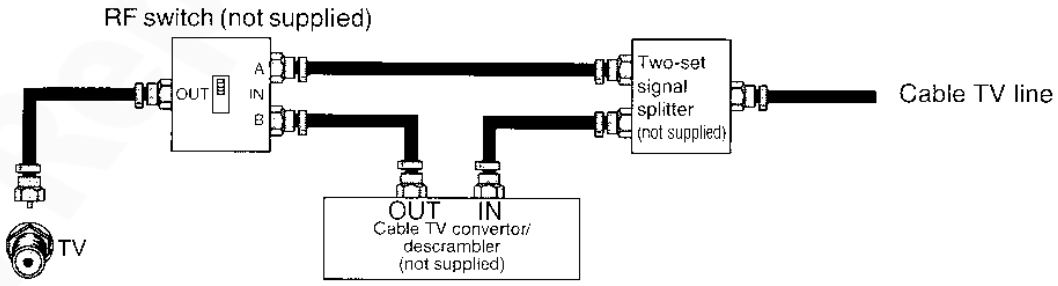


CABLE TV (CATV) CONNECTION

- A 75 ohm coaxial cable connector is built into the set for easy hookup. When connecting the 75 ohm coaxial cable to the set, screw the 75 ohm cable to the COAXIAL CABLE CONNECTOR.
- Some cable TV companies offer "premium pay channels". Since the signals of these premium pay channels are scrambled, a cable TV convertor/descrambler is generally provided to the subscriber by the cable TV company. This convertor/descrambler is necessary for normal viewing of the scrambled channels. (Place your TV on channel 3 or 4, typically one of these channels is used. If this is unknown, consult your cable TV company.) For more specific instructions on installing cable TV, consult your cable TV company. One possible method of utilizing the convertor/descrambler provided by your cable TV company is explained below. Please note: RF switch equipped with position A/B (not provided) is required.

"A" position on the RF switch (not supplied): You can view all unscrambled channels using the TV's channel keys.

"B" position on the RF switch (not supplied): You can view the scrambled channels via the convertor/descrambler using the convertor's channel keys.



Note:

- Consult your SHARP Dealer or Service Center for the type of antenna adapter, splitter, RF switch or combiner that might be required.

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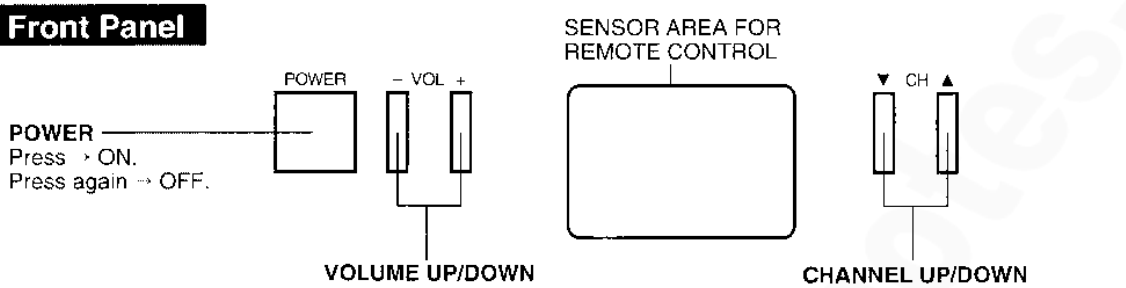
Quick Reference Control Operation

■ Location of Controls (ENGLISH)

(NOTE: your controls and sensor area may vary in appearance)

Front Panel

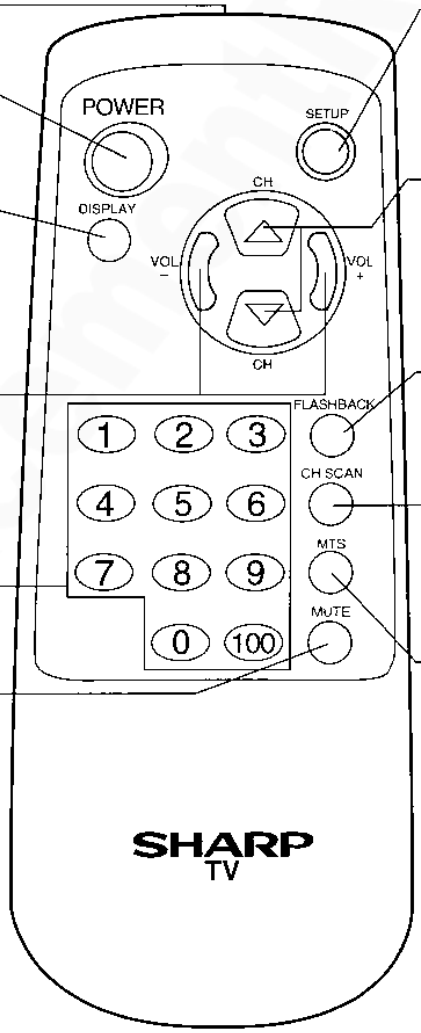


POWER
Press → ON.
Press again → OFF.

VOLUME UP/DOWN
(+) increases sound.
(–) decreases sound.

CHANNEL UP/DOWN
(▲) selects next higher channel.
(▼) selects next lower channel.

BASIC REMOTE CONTROL FUNCTIONS



Infrared Transmitter Window

POWER
Press → on.
Press again → off.

DISPLAY
Press → displays receiving channel for 4 seconds.
Press again → removes display.
• Temporarily displays receiving channel when in Closed Caption mode.

VOLUME UP/DOWN
(+) increases sound.
(–) decreases sound.
• In menu mode, changes or selects the TV adjustments.

Direct Access
Accesses any channel by the keypad.

MUTE
Press → mute sound.
Press again → restores sound to previous level.

SETUP
Press → access MAIN MENU 1.
Press again → access MAIN MENU 2.
• Further pressing exits MAIN MENU 2 or TV modes.

CHANNEL UP/DOWN
(▲) Selects next higher channel.
(▼) Selects next lower channel.
• See Pages ⑫, ⑬ for channel presetting.
• Moves the "⬍" mark by the MENU screens.

FLASHBACK
Returns to previously viewed channel.

CHANNEL SCAN
Press → scans through preset channels.
Press again → stops scanning at desired channel.

MTS (Multichannel TV Sound) (only 25F-S40)
Each press changes the MTS broadcast mode.
→STEREO → SAP → MONO →
See page ⑩.

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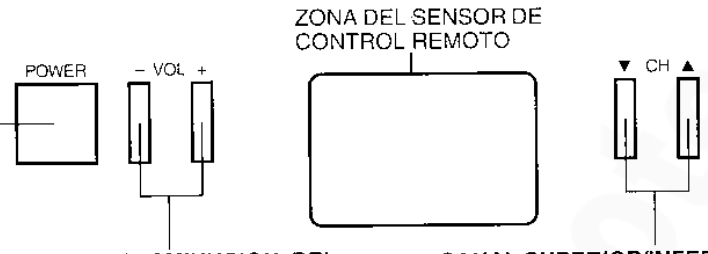
Referencia rápida de los controles de operación

■ Ubicación de los controles (ESPAÑOL)

(NOTA: los controles y zona del sensor pueden variar en apariencia)

Panel Delantero



ALIMENTACION (POWER)
Pulsando → Enciende (ON).
Pulsando nuevamente → Apaga (OFF).

AUMENTO/DISMINUCION DEL VOLUMEN (VOL)
(+) Aumenta el sonido.
(–) Disminuye el sonido.

CANAL SUPERIOR/INFERIOR (CH)
(▲) Selecciona el siguiente canal superior.
(▼) Selecciona el siguiente canal inferior.

FUNCIONES BASICAS DEL MANDO A DISTANCIA

Ventanilla del transmisor de infrarrojos

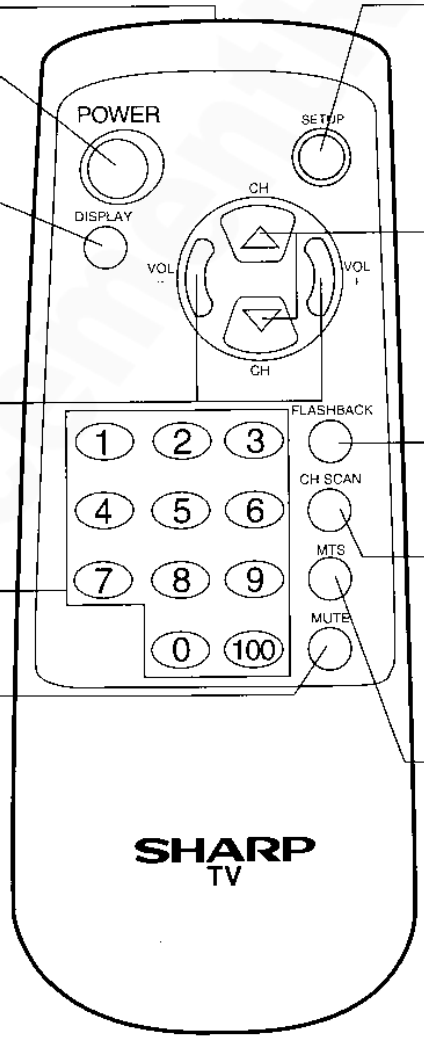
ALIMENTACION (POWER)
Pulsando → Enciende (ON).
Pulsando nuevamente → Apaga (OFF).

VISUALIZACION (DISPLAY)
Pulsando → Muestra el canal de recepción por 4 segundos.
Pulsando nuevamente → Elimina la visualización.
• En el modo de "Closed Caption" se muestra el canal de recepción por un corto tiempo.

AUMENTO/DISMINUCION DEL VOLUMEN (VOLUME UP/DOWN)
(+) Aumenta el sonido.
(–) Disminuye el sonido.
• En modo de MENU cambia o selecciona el ajuste del televisor.

Acceso directo
Para tener acceso a cualquier canal empleando las teclas.

SILENCIAMIENTO (MUTE)
Pulsando → Silencia el sonido.
Pulsando nuevamente → Repone el sonido a su nivel anterior.



PREPARACION (SETUP)
Pulsando → Accede al MENU PRINCIPAL 1.
Pulsando nuevamente → Accede al MENU PRINCIPAL 2.
• Pulsando nuevamente: Sale del MENU PRINCIPAL 2 o vuelve al modo de TV.

CANAL SUPERIOR/INFERIOR (CHANNEL UP/DOWN)
(▲) Selecciona el siguiente canal superior.
(▼) Selecciona el siguiente canal inferior.
• En el modo de MENU, mueve la marca "⬍"

RETORNO AL CANAL ANTERIOR (FLASHBACK)
Para volver al canal anterior.

EXPLORACION DE CANALES (CH SCAN)
Púlselo para explorar los canales preajustados.
Vuelva a pulsarlo para detener la exploración al localizar el canal deseado.

SONIDO DE TV DE CANALES MÚLTIPLES (MTS)
(sólo para el modelo 25F-S40)
Cada presión cambiará el transmisión MTS.
→STEREO → SAP → MONO

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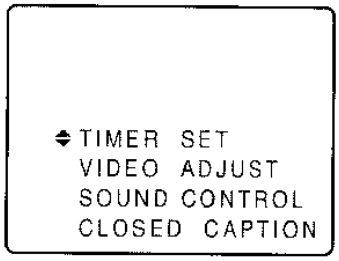
Operations

❶ MENU FUNCTIONS

(Master these basic functions and the rest is simple!)

■ **Calling Up the Functions.**

1 **Press Remote's SETUP button to access MAIN MENU 1 screen.**

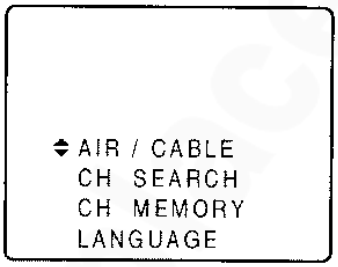


(MAIN MENU 1 screen)

(1) Press either Remote's CH UP (▲) or CH DOWN (▼) to choose desired function mode.
- CH UP (▲) moves " ≑ " mark up.
- CH DOWN (▼) moves " ≑ " mark down.

(2) Press either Remote's VOL UP (+) or VOL DOWN (–) to select desired function mode.

2 **Press Remote's SETUP button again to access MAIN MENU 2 screen.**



(MAIN MENU 2 screen)

- Repeat steps (1) and (2) from MAIN MENU 1 to choose and select desired function mode from MAIN MENU 2.

3 **To exit MAIN MENU 2 screen, press Remote's SETUP button.**

■ MENU 1 SUMMARY

TIMER SET
Set the number of minutes until your TV automatically turns off. See Page ⑨.

VIDEO ADJUST
Allows you to change picture, tint, color, brightness, and sharpness from factory preset levels. See Page ⑨.

SOUND CONTROL
Allows you to change stereo sound, SAP and monaural sound broadcasts where available. See Page ⑩.

CLOSED CAPTION
Turns Closed Caption on or off and changes Closed Caption modes. See Page ⑪.

■ MENU 2 SUMMARY

AIR/CABLE
Sets the TV to receive either AIR (over VHF/UHF antenna) or CABLE (CATV) broadcast signals. See CHANNEL PRESETTING, Pages ⑫, ⑬.

CH SEARCH
Starts and stops the TV memory programming of all channels of reasonable signal strength. See CHANNEL PRESETTING, Pages ⑫, ⑬.

CH MEMORY
Use to add weak or additional channels or erase unwanted channels to the TV's memory. See CHANNEL PRESETTING, Pages ⑫, ⑬.

LANGUAGE
Allows you to select between ENGLISH and SPANISH from the ON SCREEN DISPLAY. See Page ⑭.

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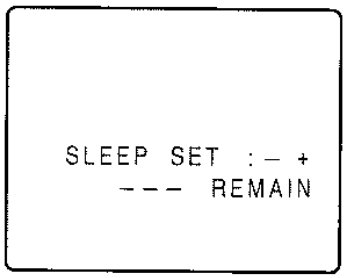
❷ SLEEP TIMER

■ **You can set the number of minutes until your TV set is automatically turned off.**

(1) Select "TIMER SET" from MAIN MENU 1.



(TIMER SET mode)

(2) Press Remote's VOL UP/DOWN (+/–) to set a sleep time of 30, 60, 90, or 120 minutes.

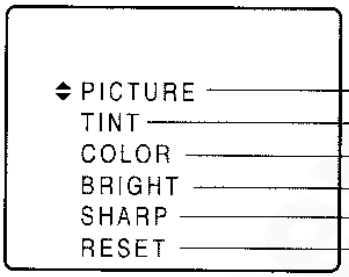
(3) When done, press SETUP to exit.

Note:

- To turn off the sleep Timer, repeat the SLEEP TIMER steps and select "– – – REMAIN".

❸ VIDEO ADJUSTMENT (PICTURE, TINT, COLOR, BRIGHT, SHARP)

(1) Select "VIDEO ADJUST" from MAIN MENU 1.



(VIDEO ADJUST mode)

(2) Press Remote's CH UP/DOWN (▲/▼) to choose the item you wish to adjust.

(3) To adjust an item, press and hold either Remote's VOL UP (+) or VOL DOWN (–).

(4) To adjust other item's, repeat steps (2)~(3).

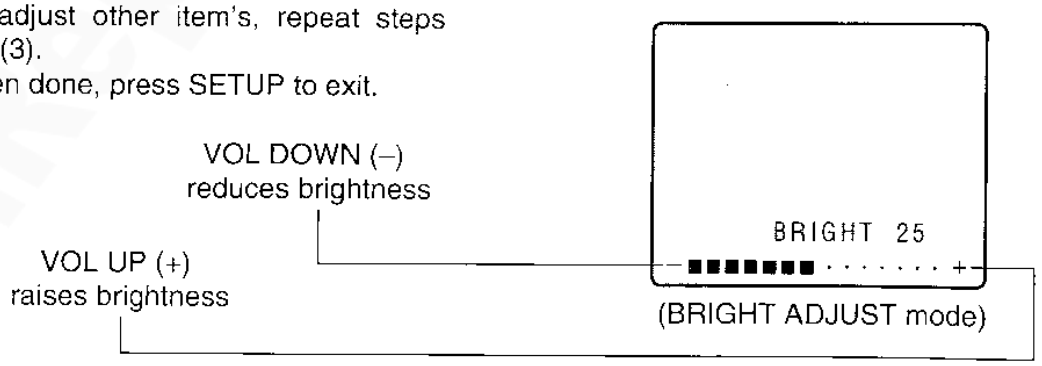
(5) When done, press SETUP to exit.

Description of Adjustment Items

Selected item	VOL DOWN (–) button	VOL UP (+) button
PICTURE	To decrease contrast	To increase contrast
TINT	Skin tones become purplish	Skin tones become greenish
COLOR	For less color intensity	For more color intensity
BRIGHT	For less brightness	For more brightness
SHARP	For less sharpness	For more sharpness
RESET	All adjustments are returned to the factory preset level.	

Example:

From step (2) you have selected "BRIGHT".



(BRIGHT ADJUST mode)

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❹ MULTICHANNEL TV SOUND (MTS)

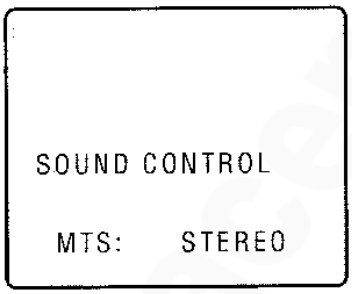
■ **You can enjoy Hi-Fi stereo sound broadcasts where available.**

• Stereo broadcasts
Live television transmission of sports, shows, concerts, etc. can be received in dynamic stereo sound.

■ **You can enjoy SAP broadcasts where available. (25F-S40 only)**

• SAP broadcasts
Television broadcast can be received with either MAIN or SAP sound.
MAIN sound: The normal program soundtrack. (Monaural or stereo where available.)
SAP sound: Second language, supplementary commentaries, etc. (SAP sound is monaural.)

(1) Select " SOUND CONTROL " from MAIN MENU 1.



(SOUND CONTROL mode)

■ **If stereo sound is difficult to hear.**

• You can obtain clearer sound by manually switching to fixed monaural mode.

Note :

• Once MONO mode is selected, the TV sound remains monaural even if the TV set receives a stereo broadcast. You must switch the mode back to STEREO if you want to hear stereo sound again.

(2) Press Remote's VOL UP/DOWN (+/–) to select MTS broadcast mode as " STEREO ", " SAP " (25F-S40 only) or " MONO ".
(3) Press SETUP to exit.

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❺ CLOSED CAPTIONS

- Your TV is equipped with an internal closed caption decoder. "Closed Caption" is a system which allows you to view conversations, narration, and sound effects in TV programs and home videos as subscript on your TV screen as shown below.

- Not all the programs and videos will offer closed caption. Please look for the "CC" symbol to ensure that captions will be shown.
- Closed Caption broadcast can be viewed in two modes: CAPTION and TEXT. For each mode, two channels are available, CH1 and CH2.

The [CAPTION] mode subscripts dialogues and commentaries of TV dramas and news programs while allowing clear view of the picture.
The [TEXT] mode displays over the picture other various information (such as TV program schedule, weather forecast, etc.) that is independent of the TV programs.

Note :

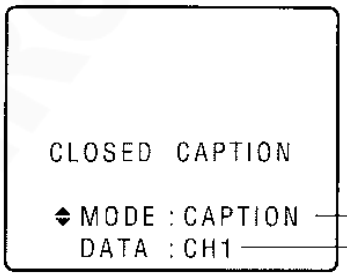
- Closed Caption may malfunction (white blocks, strange characters, etc.) if signal conditions are poor or if there are problems at the broadcast source. This does not necessarily indicate a problem with your set.
- If any button is pressed to call up the ON SCREEN DISPLAY while viewing a CLOSED CAPTION broadcast, the closed captions will disappear momentarily.
- When viewing in TEXT mode, if no TEXT broadcast is being received, for some programs the screen may become dark and blank. Should this occur, set the Closed Caption mode to "OFF".

■ How to set Closed Caption

(1) Select "CLOSED CAPTION" from MAIN MENU 1.

(2) Press Remote's CH UP/DOWN (▲/▼) to move "⬍" mark to either MODE or DATA. Then press Remote's VOL UP/DOWN (+/–) to change a Closed Caption setting.

(3) When done, press SETUP to exit.



(CLOSED CAPTION setting mode)

MODE
Press Remote's VOL UP/DOWN (+/–) to select MODE as "CAPTION", "TEXT" or "OFF".

DATA
Press Remote's VOL UP/DOWN (+/–) to select either "CH1" or "CH2".

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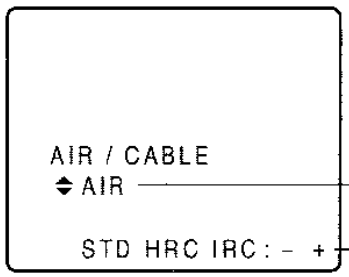
⑥ CHANNEL PRESETTING

■ **By operating the channel presetting functions, you can preset your TV to the desired channels for viewing. It's as simple as [1], [2], [3].**

[1] Choose TV signal mode by selecting "AIR/CABLE" from MAIN MENU 2 screen.



(AIR/CABLE change mode)

Note:

- Receivable channels of your TV set are:
  AIR channels :
  VHF: 2 through 13,
  UHF: 14 through 69.
  CABLE channels :
  1 (HRC and IRC mode only)
  2 through 125 (STD, HRC and IRC)

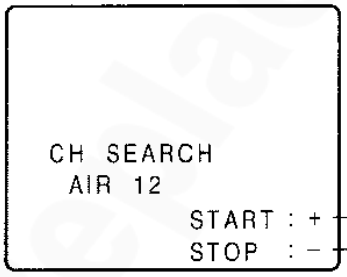
AIR

(1) Press Remote's CH UP/DOWN (▲/▼) to choose VHF/UHF antenna.
(2) Press SETUP button to exit.

CABLE MODE

(1) Press Remote's CH UP/DOWN (▲/▼) to move " ⬍ " mark to CABLE mode's line.
(2) Press Remote's VOL UP/DOWN (+/–) to choose specific CABLE mode "STD", "HRC" or "IRC" (Check with your local cable company to find out which mode you should choose).
(3) Press SETUP button to exit.

[2] Auto-program broadcast channels to TV memory by selecting "CH SEARCH" from MAIN MENU 2 screen.



(CH SEARCH mode)

START

(1) Press Remote's VOL UP (+) and the tuner searches through available channels in your area and adds them into the TV's memory. If all available channels are of reasonable signal strength and you prefer not to add or erase any channels from memory, then CH SEARCH is completed.
(2) Press SETUP button to exit.

STOP

(1) Press Remote's VOL DOWN (–) during searching and CH SEARCH will stop at the current channel and not add any higher channels.
(2) Press SETUP button to exit.

For help go to www.WikiRemotes.com | Provided by www.ReplacementRemotes.com

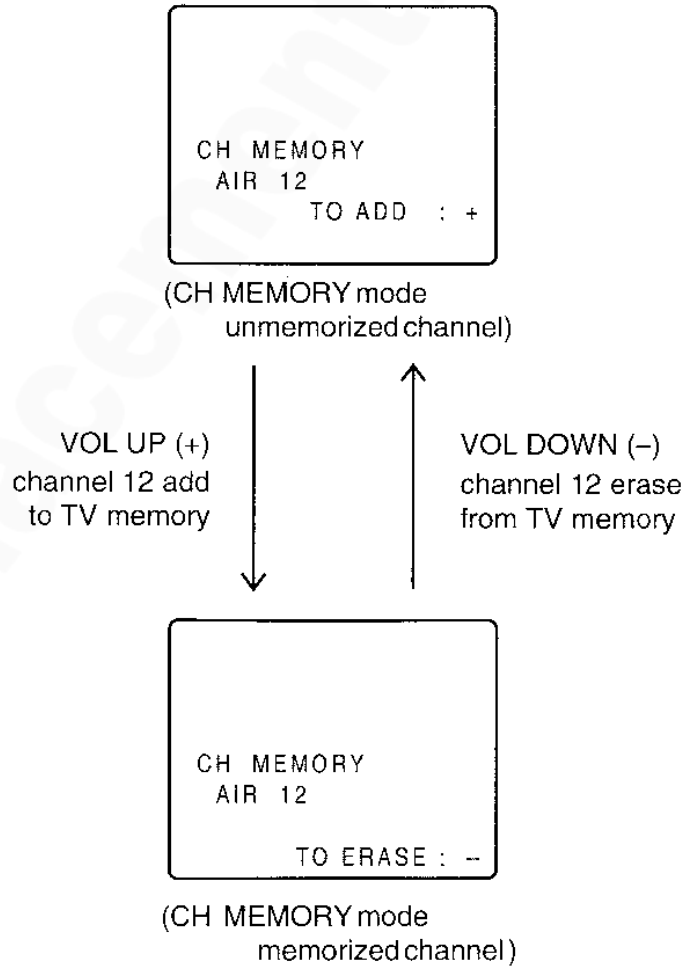
3 Add weak or additional channels or erase unwanted channels from TV memory by selecting "CH MEMORY" from MAIN MENU 2 screen.

(1) Use Remote's CH UP/DOWN (▲/▼) or keypad to select each desired channel to add or erase.
(2) Press Remote's VOL UP (+) to add a channel to TV's memory OR press Remote's VOL DOWN (–) to erase a channel from TV's memory.
(3) When you are finished, press SETUP to exit.

Note:

- If you press Remote's VOL UP (+) while in CH SEARCH mode, auto-program will start again and weak or additional channels will have to be erased or added again.

Example:
From step (1) you select channel 12.



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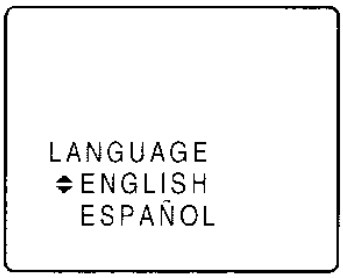
❼ BILINGUAL ON SCREEN DISPLAY

■ **The language for the ON SCREEN DISPLAY can be set to either ENGLISH or SPANISH.**

■ **Setting the ON SCREEN DISPLAY Language.**

(1) Select "LANGUAGE" from MAIN MENU 2.



(LANGUAGE change mode)

(2) Press Remote's CH UP/DOWN(▲/▼) to select either ENGLISH or SPANISH (ESPAÑOL).
(3) Press SETUP to exit.

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Before Calling for Service

Check these items and see if you can fix the problem.

QUICK SERVICE CHECK LIST / PROBLEM	Remote Control Doesn't Work	Bars On Screen	Picture Distorted	Picture Rolls Vertically	No Color	Poor Reception on Some Channels	Weak Picture	Lines or Streaks in Picture	Ghosts in Picture	Picture Blurred	Sound OK, Picture Poor	Picture OK, Sound Poor	No Picture or Sound	Dark and blank picture
Possible Remedy														
Try a new channel, if OK, then possible station trouble.			X	X	X	X	X	X	X	X	X	X	X	
Is TV plugged in? Power at outlet?	X												X	
Is TV's POWER button on?													X	
Is antenna connected to terminal on the back of the set?					X	X	X		X		X		X	
If outside antenna is being used, check for broken wire.		X	X	X	X	X	X	X	X	X	X		X	
Check for local interference.		X		X		X		X	X		X	X		
Unplug set for about a minute. Then plug set in and try turning it on.													X	
Adjust COLOR control.					X									
Adjust PICTURE control.							X				X			
Check batteries in Remote Control.	X													
Change Closed Caption mode to "OFF"														X

Calling for Service

For location of the nearest Sharp Authorized Service, or to obtain product literature, accessories, supplies, or customer assistance, please call 1-800-BE-SHARP.

For help go to www.WikiRemotes.com | Provided by www.ReplacementRemotes.com

Limited Warranty:

SHARP ELECTRONICS CORPORATION warrants to the first consumer purchaser that this Sharp brand product (the "Product"), when shipped in its original container, will be free from defective workmanship and materials, and agrees that it will, at its option, either repair the defect or replace the defective Product or part thereof at no charge to the purchaser for parts or labor for the period(s) set forth below.

This warranty does not apply to any appearance items of the Product nor to the additional excluded item(s) set forth below nor to any Product the exterior of which has been damaged or defaced, which has been subjected to misuse, abnormal service or handling, or which has been altered or modified in design or construction.

In order to enforce the rights under this limited warranty, the purchaser should follow the steps set forth below and provide proof of purchase to the servicer.

The limited warranty described herein is in addition to whatever implied warranties may be granted to purchasers by law. ALL IMPLIED WARRANTIES INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO THE PERIOD(S) FROM THE DATE OF PURCHASE SET FORTH BELOW. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Neither the sales personnel of the seller nor any other person is authorized to, make any warranties other than those described herein, or to extend the duration of any warranties beyond the time period described herein on behalf of Sharp.

The warranties described herein shall be the sole and exclusive warranties granted by Sharp and shall be the sole and exclusive remedy available to the purchaser. Correction of defects, in the manner and for the period of time described herein, shall constitute complete fulfillment of all liabilities and responsibilities of Sharp to the purchaser with respect to the Product, and shall constitute full satisfaction of all claims, whether based on contract, negligence, strict liability or otherwise. In no event shall Sharp be liable, or in any way responsible, for any damages or defects in the Product which were caused by repairs or attempted repairs performed by anyone other than an authorized servicer. Nor shall Sharp be liable or in any way responsible for any incidental or consequential economic or property damage. Some states do not allow the exclusion of incidental or consequential damages, so that above exclusion may not apply to you.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

Warranty Period for this Product: 90 days Parts and Labor. The warranty period continues for a total of one year for parts only, other than the picture tube for which it continues for two years; labor and service are not provided free of charge for these additional periods.

Additional Items Excluded from Warranty Coverage: Non-Rechargeable Batteries.

Where to Obtain Service: For location of the nearest Sharp Authorized Service, or to obtain product literature, accessories, supplies, or customer assistance, please call 1-800-BE-SHARP.

What to Do to Obtain Service: Contact your Authorized Service Dealer or Center to obtain in-home service for this Product. The servicer will come to your home, and if it is necessary to remove the Product, the servicer will reinstall it. Be sure to have Proof of Purchase available.

SHARP®

SHARP ELECTRONICS CORPORATION

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